ICY BOX®
www.icybox.de

IB-250StU3 series
USB 3.0 enclosure for 2.5" SATA HDDs

Now available for HDDs with 12.5 mm height

Key features

- Compact aluminium case
- With pocket
- Supports 2.5" SATA HDD
- USB 3.0 up to 5 Gbit/s
- Downwardly compatible with USB 2.0/1.1
- LED for power and HDD access
- Plug & play
- Supports Windows XP/Vista/7
- IB-250Stu3-BH with additional frame for HDDs up to 12.5 mm height

Connected with the Future

The USB 3.0 port of this external enclosure for 2.5" SATA HDDs makes superfast data transfer possible. That's because USB 3.0 has a tenfold bandwidth compared to USB 2.0 and even a good advantage against SATA. The ICY BOX IB-250StU3-B accomplishes the superfast data-transfer rates in connection with a host and a cable which are USB 3.0 compatible too. If the host PC is not equipped with a USB 3.0 controller our adapters for the PCI slot or the express-card slot are fine alternatives (ICY BOX IB-AC604 or IB-AC605). As USB 3.0 is downwards compatible the ICY BOX IB-250StU3-B/-BH cooperates also with conventional USB 2.0 devices providing the USB 2.0 bandwidth. Thus this ICY BOX can be the first stepping stone into the faster USB 3.0 future.

This enclosure comes in two variants: IB-250StU3-B is for 2.5" SATA HDDs with 9.5 mm height, and IB-250StU3-BH is for those with 12.5 mm.

Technical data

Model	IB-250StU3-B	IB-250StU3-BH
Article No.	20279	20298
EAN Code	4250078184713	4250078185055
Brand	ICY BOX	
Article text	USB 3.0 enclosure for 2.5" SATA HDDs	
Colour	Black	
Material	Aluminium	
HDD interface	1x 2.5" SATA	
HDD height	Up to 9.5 mm	Up to 12.5 mm
HDD capacity	No Limit	
Hot Swap	Yes	
Plug & Play	Yes	
External data interface	1x USB 3.0 (Micro Typ Connector)	
Operating system	Windows XP/Vista/7	
Transfer rate	USB 3.0 up to 5 Gbit/s	
Power switch	No	
LED	Green LED: Power Red LED: HDD access	
Power connector	USB powered	

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Rear view

Note USB 3.0

IB-250StU3-B/-BH is also working through a USB 3.0 cable or USB 2.0 cable with computer/notebook with USB 2.0/1.1 interfaces. You can upgrade your computer/notebook with a USB 3.0 PCI-card (eg ICY BOX IB-AC604/605).

USB 3.0 has a 10 times higher bandwidth as USB 2.0 (5 Gbit/s to 480 Mbit/s) and theoretically 10 times higher transfer rate. In practice, the transfer rate is limited by the slower SATA interface of the hard drive (3 Gbit/s).

Enclosure with pocket

Downward connection

USB 3.0 Host	USB 2.0 Cable	USB 2.0 Device	OK
USB 2.0 Host	USB 2.0 Cable	USB 3.0 Device	OK
USB 2.0 Host	USB 3.0 Cable	USB 3.0 Device	OK
USB 3.0 Host	USB 3.0 Cable	USB 2.0 Device	NG

Packing content

1x IB-250StU3-B, 1x pocket, 1x USB 3.0 data cable (Typ A to Micro-B), 1x screwdriver, 1x manual
1x IB-250StU3-BH, 1x pocket, 1x additional frame for HDDs up to 12.5 mm height,
1x USB 3.0 data cable (Typ A to Micro-B), 1x screwdriver, 1x manual

Logistical data

Packing unit:	20 pcs./carton	Dimension/Carton:	385x345x280 mm	Country of Origin:	China
Total weight:	8.5 kg/carton	Dimension (with packing):	260x185x30 mm	Import tax:	84733080
Gross weight:	0.35 kg	Dimension of article:	137x80x12 mm /		
Net weight:	0.07 kg	137x80x12 mm with frame for HDDs up to 12.5 mm height			

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